Hydrogenation of a monoolefinically unsaturated compound

Abstract

A process for hydrogenating a monoolefinically unsaturated compound which bears at least two functional groups which are each independently selected from the group consisting of nitrile group, carboxylic acid group, carboxylic ester group, carboxamide group to a saturated compound which bears the same at least two functional groups, in the presence of a rhodium-containing compound, as a catalyst, which is homogeneous with respect to the reaction mixture.